## **Supplementary Online Content**

Williamson T, Ryser MD, Ubel PA, et al. Withdrawal of life-supporting treatment in severe traumatic brain injury. *JAMA Surg.* Published online June 17, 2020. doi:10.1001/jamasurg.2020.1790

**eTable 1.** Odds ratio estimates for interaction effects for withdrawal of life-supporting treatment

**eTable 2.** Withdrawal of life-supporting treatment by age <65 and ≥65 years old for each payment type

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Odds ratio estimates for interaction effects for withdrawal of life-

supporting treatment.

Interaction	Odds Ratio (95% CI)	P value
ISS group by GCS group		
ISS <12 by GCS 3-4 vs. 7-8	3.51 (1.66-7.43)	.001
ISS 12-24 by GCS 3-4 vs. 7-8	3.50 (2.85-4.29)	<.001
ISS >24 by GCS 3-4 vs. 7-8	2.53 (2.09-3.06)	<.001
GCS group by ISS group		
GCS 3-4 by ISS <12 vs. >24	0.17 (0.13-0.22)	<.001
GCS 5-6 by ISS <12 vs. >24	0.13 (0.07-0.26)	<.001
GCS 7-8 by ISS <12 vs. >24	0.12 (0.06-0.24)	<.001
GCS group by Craniotomy group		
GCS 3-4 by Craniotomy vs. No craniotomy	1.24 (1.14-1.35)	<.001
GCS 5-6 by Craniotomy vs. No craniotomy	2.15 (1.69-2.73)	<.001
GCS 7-8 by Craniotomy vs. No craniotomy	1.58 (1.20-2.07)	.001
GCS group by Age group		
GCS 3-4 by >75 y vs. <30 y	7.09 (6.27-8.01)	<.001
GCS 5-6 by >75 y vs. <30 y	18.89 (13.32-26.79)	<.001
GCS 7-8 by >75 y vs. <30 y	20.54 (13.29-31.76)	<.001

Only comparisons of the most extreme groups in each category are included in this table. Cl: Confidence interval; GCS: Glasgow Coma Scale; ISS: Injury Severity Score.

eTable 2. Withdrawal of life-supporting treatment by age <65 and ≥65 years old for

each payment type.

Payment Status	<65 Years Old, No. (%)	≥65 Years Old, No. (%)
Medicaid		
Total patients	5162 (97.2)	147 (2.8)
Patients with WLST	651 (12.6)	47 (32.0)
Medicare		
Total patients	1630 (22.7)	5542 (77.3)
Patients with WLST	388 (23.8)	2469 (44.6)
Private/commercial insurance		
Total patients	12763 (90.5)	1332 (9.5)
Patients with WLST	1856 (14.5)	470 (35.3)
Self-pay		
Total patients	6382 (95.5)	298 (4.5)
Patients with WLST	1078 (16.9)	123 (41.3)
Other		
Total patients	2545 (89.8)	290 (10.2)
Patients with WLST	366 (14.4)	99 (34.1)
Total		
Total patients	28482 (75.1)	7609 (20.1)
Patients with WLST	4339 (15.2)	3208 (42.2)

Proportion of patients with withdrawal of life-supporting treatment for each payment type, grouped by age <65 years old and ≥65 years old. WLST: Withdrawal of life-supporting treatment.